



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

CONFIDENTIAL

8/18/15

JUL 29 2014

FORM OGC-3

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☐ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR

MURCHISON OIL & GAS INC.

DATE

07/16/2014

ADDRESS

1100 MIRA VISTA

CITY

PLANO

STATE

TX

ZIP CODE

75093

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE

3-Rice

WELL NUMBER

8-6-D

ELEVATION (GROUND

921

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINES)

165 ft. from ☐ North ☒ South section line 1485 ft. from ☒ East ☐ West section line

WELL LOCATION

Sec. 3 Township 33 North Range 31 ☐ East ☒ West

LATITUDE

37 63324

LONGITUDE

-94 31577

COUNTY

Barton

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 165 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 660 FEET

PROPOSED DEPTH

56'

DRILLING CONTRACTOR, NAME AND ADDRESS

MURCHISON OIL & GAS INC.

ROTARY OR CABLE TOOLS

CORE RIG

APPROX. DATE WORK WILL START

07/16/2014

NUMBER OF ACRES IN LEASE

235

NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 1

NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME

ADDRESS

NO. OF WELLS PRODUCING 0

INJECTION 0

INACTIVE 0

ABANDONED 0

STATUS OF BOND

☐ SINGLE WELL

AMOUNT \$

☒ BLANKET BOND

AMOUNT \$ 20,000.00

☒ ON FILE

☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM

APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST

AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
NONE TO	BE SET						

I, the Undersigned, state that I am the Geologist of the MOGI (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE

*Alfred McMan*

DATE

07/16/2014

PERMIT NUMBER

20046

APPROVED DATE

8-18-14

APPROVED BY

*Joseph A. Williams*

☒ DRILLER'S LOG REQUIRED

☒ CORE ANALYSIS REQUIRED IF RUN

☒ SAMPLES REQUIRED

☐ SAMPLES NOT REQUIRED

☐ WATER SAMPLES REQUIRED AT

☒ E-LOGS REQUIRED IF RUN

☒ DRILL SYSTEM TEST INFO REQUIRED IF RUN

*Most extensive core on lease*

NOTE

THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, \_\_\_\_\_ of the \_\_\_\_\_ (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE

DATE

# RECEIVED

JUL 29 2014

FORM OGC-4

Mo Oil & Gas Council



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**WELL LOCATION PLAT**

OWNER'S NAME  
**Murchison Oil & Gas**

LEASE NAME  
**3-Rice**

COUNTY  
**Barton**

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)  
**165** ft. from ☐ North ☒ South from section line **1485** ft. from ☒ East ☐ West from section line


WELL LOCATION  
Sec. **3** Township **33** North Range **31** ☐ East ☒ West

LATITUDE  
**37.63324**

LONGITUDE  
**-94.31577**



REMARKS

 = Murchison Lease Hold

**Exhibit A**

**INSTRUCTIONS**

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

REMIT TWO (2) COPIES TO:  
GEOLOGICAL SURVEY PROGRAM  
PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143  
ONE (1) COPY WILL BE RETURNED

REGISTERED LAND SURVEYOR

NUMBER



## Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. Please be patient while your information is retrieved. Your coordinates will be converted to the other formats, the information on the right-hand side of the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the North American Datum of 1983 (NAD83).

<input type="button" value="Submit"/>	
<input type="radio"/> Universal Transverse Mercator [Zone 15 North]	
Easting	
383903.3371051325	meters
Northing	
4165937.5556142502	meters
<input checked="" type="radio"/> Decimal Degrees	
Latitude	°
37.63324	
Longitude	°
-94.31577	
<input type="radio"/> Degrees, Minutes and Seconds	
Latitude Degrees	°
37	
Latitude Minutes	'
37	
Latitude Seconds	"
59.66400000000249	
Longitude Degrees	°
-94	
Longitude Minutes	'
18	
Longitude Seconds	"
56.772000000000198	

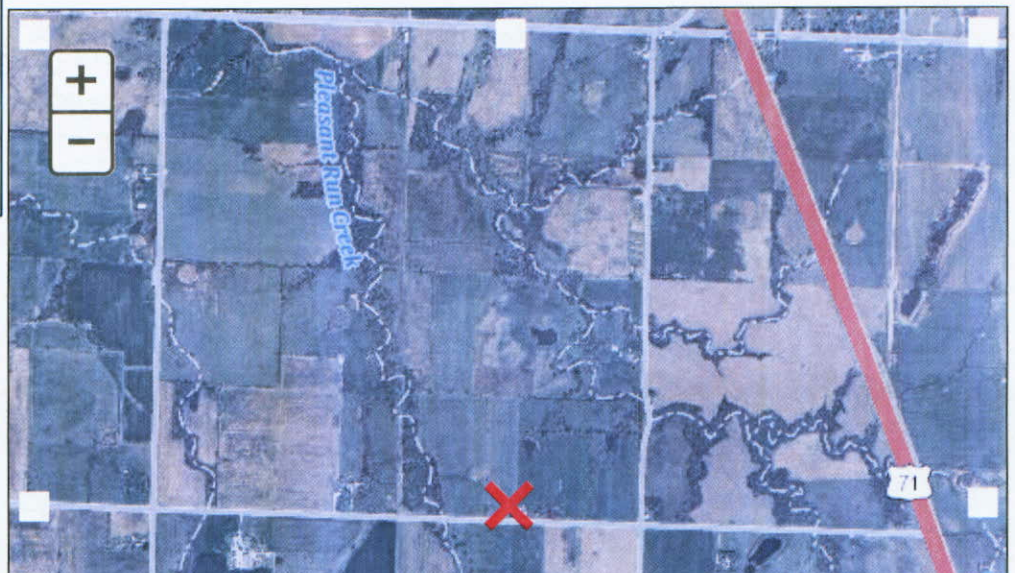
<b>UTM Zone 15N [Easting, Northing]</b>	[ 383903.3, 4165937.5 ] meters
<b>Decimal Degrees [Lat, Lon]</b>	[ 37.63324°, -94.31577° ]
<b>Deg, Min, Sec [Lat, Lon]</b>	[ 37° 37' 59.6", -94° 18' 56.7" ]
<b>County Name</b>	Barton
<b>County FIPS Code</b>	011
<b>Legal Description</b>	Section 03 T33N R31W
<b>Municipality</b>	NO VALUE
<b>House District</b>	127
<b>Senate District</b>	31
<b>Congressional District</b>	4
<b>MoDNR Region</b>	Southwest Regional Office
<b>USGS 1:24,000 Quadrangle</b>	Sheldon [37094-F3]
<b>8 Digit Watershed</b>	10290104 [Marmaton]
<b>10 Digit Watershed</b>	1029010404 [Little Dry Wood Creek]
<b>12 Digit Watershed</b>	102901040402 [Pleasant Run Creek]
<b>Special Well Drilling Area</b>	Area 2
<b>Ecological Drainage Unit</b>	Central Plains/Osage/South Grand
<b>Level III Ecoregion</b>	Central Irregular Plains
<b>Query Time</b>	7.765 s

Rows with **red** text indicate that the input location is too close to a boundary to produce reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for the location. For example, not every point in Missouri will lie within a municipal boundary, so some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', your point probably lies outside the state.

### Metadata

- Roads
- Railroads
- County Boundaries
- Municipal Boundaries
- Lakes and Ponds
- Rivers and Streams
- Missouri River





STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**PLUGGING RECORD**

RECEIVED

JUL 29 2014

FORM OGC-7

OWNER'S NAME <b>Muchison Oil &amp; Gas</b>		ADDRESS <b>1100 Mira Vista Plano, TX 75093</b>	
NAME OF LEASE <b>3-Rice</b>		WELL NUMBER <b>8-6-D</b>	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) <b>23497</b>
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY <b>Sec. 3 Township 33 North Range 31 <input type="checkbox"/> East <input checked="" type="checkbox"/> West</b>		LATITUDE <b>37.63324</b>	LONGITUDE <b>-94.31577</b>
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF:		CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) <b>0</b>	GAS (MCF/DAY) <b>0</b>
HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		DRY? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
DATE OF ABANDONMENT <b>07/28/2014</b>	TOTAL DEPTH <b>56'</b>	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) <b>0</b>	WATER (BBLS/DAY) <b>0</b>

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment	Fluid content of each formation	Depth interval of each formation	Size, kind, and depth of plugs used, giving amount of cement.
<b>Blue Jacket</b>	<b>Oil</b>	<b>10-45'</b>	<b>Cement plug up until about 5' to surface</b>

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
<b>none</b>					<b>none</b>

WAS WELL FILLED WITH MUD-LADEN FLUID? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER
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NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
NAME	ADDRESS	DIRECTION FROM THIS WELL
<b>Not Necessary Per GSP O&amp;G</b>		

METHOD OF DISPOSAL OF MUD PIT CONTENTS <b>n/a</b>
--

NOTE	FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)
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<b>CERTIFICATE</b> I, the undersigned, state that I am the <u>Geologist</u> of the <u>Muchison Oil &amp; Gas</u> (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.	
SIGNATURE 	DATE <b>07/16/2014</b>

DETAIL OF FORMATIONS PENETRATED	
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
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89	100
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91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

[illegible]

**NOTE**

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open flowing and shut-in pressures, and recoveries.

## INSTRUCTIONS

Attach drillers log or other acceptable log of well if available.  
This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.